



Climate change and health: Methodological issues and introduction to climate epidemiology

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Abstract:

Climate change is a major threat to the health of current and future generations. This paper assesses the current estimations of adverse health outcomes of climate change and explores methodological issues. The study is essentially based on literature review. The estimation of disease burden does not portray an accurate picture of the problem due to methodological constraints on account of de-linking several non-climatic factors. In particular, the developing nations face greater challenges due to poor infrastructure, and lack of institutions and health services. The concept of climate epidemiology can minimize the existing research gap by adapting trans-disciplinary approach and it can establish as a new frontier for health advocacy in the larger context of global environmental change.

Source: Ask your librarian to help locate this item.

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Researcher

Early Warning System:

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Extreme Weather Event, Food/Water Security, Meteorological Factors, Precipitation, Temperature

Climate Change and Human Health Literature Portal

Extreme Weather Event: Flooding, Hurricanes/Cyclones

Food/Water Security: Agricultural Productivity, Food Access/Distribution

Temperature: Extreme Heat, Fluctuations

Geographic Feature: ☐

resource focuses on specific type of geography

None or Unspecified

Geographic Location: ☐

resource focuses on specific location

United States

Health Impact: ☐

specification of health effect or disease related to climate change exposure

Infectious Disease, Morbidity/Mortality

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease

Foodborne/Waterborne Disease: General Foodborne/Waterborne Disease, Rotavirus, Salmonellosis

Vectorborne Disease: General Vectorborne, Mosquito-borne Disease

Mosquito-borne Disease: Dengue, Malaria

Medical Community Engagement: ☐

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

Mitigation/Adaptation: ☐

mitigation or adaptation strategy is a focus of resource

Adaptation

Model/Methodology: ☐

type of model used or methodology development is a focus of resource

Methodology

Resource Type: ☐

format or standard characteristic of resource

Research Article, Research Article

Timescale: ☐

time period studied

Long-Term (>50 years)